

DCA-15-MR-010
Passenger Train Derailment
Philadelphia, PA
May 12, 2015

SIGNAL ATTACHMENT 35

Shore B 12B12 Relays (4) 236.102A, 105, 106

AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
	1TR	PC250P	USS	20	2384574	03/28/12	94	OK			33MA		33MA						F	WL			
	1TFPR	PN150B	USS	100	3084099	03/28/12	84	OK	13MA		23MA		23MA						F	WL			
	1TBPR	PN150B	USS	100	3883046	03/28/12	83	OK	13MA		23MA		23MA						F	WL			
	1TFBPR	PN150B	USS	100	3084150	03/28/12	84	OK	13MA		23MA		23MA						F	WL			
	1TPR	PN258B	USS	2000	2885130	03/28/12	85	OK	3.2V		7.3V		7.3V						F	WL			
	1T2PR	PN250B	USS	1000	4283C32	03/28/12	83	OK	4.0V		7.1V		7.1V						F	WL			
	1DSNM	PN250B	USS	1000	4283D31	03/28/12	83	OK	4.0V		7.0V		7.0V						F	WL			
	1DSSM	PN250B	USS	1000	4283B70	03/28/12	83	OK	4.0V		7.1V		7.1V						F	WL			
	75CT	PC250	USS	NA	2284084	03/28/12	84	OK			5.5V		5.5V						F	WL			
	180CT	PC250	USS	NA	3284058	03/28/12	01	OK			5.6V		5.6V						F	WL			
	1ADR	PN250B	USS	55	4683485	03/28/12	83	OK	21MA		41MA		41MA						F	WL			
	1BDR	PN250B	USS	55	1384833	03/28/12	84	OK	21MA		41MA		41MA						F	WL			
	1TLOR	B1B	GRS	500	F8356C	03/28/12	83	OK	7MA		7MA		11MA						F	WL			
	1CCR	B1B	GRS	500	E83Q65	03/28/12	83	OK	7MA		7MA		11MA						F	WL			
	9WBHAPR	B1B	GRS	500	F8356B	03/28/12	83	OK	7MA		7MA		11MA						F	WL			
	1SCHAPR	B1B	GRS	500	F8327C	03/28/12	83	OK	7MA		11MA		11MA						F	WL			

Distribution: White: File copy
Pink: To be retained at location of test
Yellow: To be forwarded to responsible ADE-C&S Office

[Signature]
Signature of maintainer performing tests

3/28/12
Date

[Signature]
(Signed - Supervisor reviewing tests)

[Signature]
Title

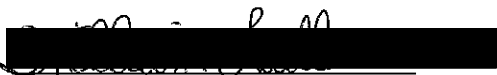
4-16-12
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay.

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	Local voltage	* contact opening	* Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
	1TLOPR	B1B	GRS	500	H8199A	03/26/14	81	OK	7MA		11MA		11MA						F	WL			
	B121ALOR	B1	GRS	450	181P93	03/26/14	83	OK	7MA		15MA		15MA						F	WL			
	B131ALOR	B1	GRS	450	42266DOO 7	03/26/14	84	OK	7MA		15MA		15MA						F	WL			
CASE2	1CCPR	DN22A	USS	2000	G10862	03/26/14	84	OK	3.3V		6.2V		6.2V						F	WL			
CASE2	1BDS	DP14	USS	1000	P45555	03/26/14	88	OK	3.4V	3.4V	5.8V	5.8V	7.1V	7.1V	3.8V	3.8V			F	WL			

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Signature of maintainer performing tests

3/26/14
 Date



(Signed - Supervisor reviewing tests)

TNSP
 Title

3/28/14
 Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay.